| Ref<br># | Hits | Search Query  | DBs                          | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|------------------------------|---------------------|---------|------------------|
| L1       | 1090 | 375/316.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/17 13:01 |
| L2       | 1209 | 375/346.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/17 13:15 |
| L3       | 638  | 375/147.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2005/05/17 13:01 |
| L5       | 25   | ("5301364").URPN.   | USPAT                        | OR                  | ON      | 2005/05/17 13:02 |
| L6       | 10   | ("4227256"   "4330859"  <br>"4546326"   "4656630"  <br>"4696027"   "4742565"  <br>"4757502"   "4829593"  <br>"5012491"   "5204977").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/05/17 13:02 |
| L8       | 10   | ("5440582").URPN.   | USPAT                        | OR                  | ON      | 2005/05/17 13:02 |
| L9       | 4    | ("4408322"   "4835790"  <br>"5170413"   "5323421").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/05/17 13:02 |
| L13      | 15   | ("5719898").URPN.   | USPAT                        | OR                  | ON      | 2005/05/17 13:02 |
| L14      | 13   | ("5056109"   "5093840"  <br>"5179571"   "5218618"  <br>"5224120"   "5228053"  <br>"5245629"   "5257283"  <br>"5265119"   "5299226"  <br>"5483550"   "5559790"  <br>"5566165").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2005/05/17 13:02 |
| L18      | 14   | ("5809090").URPN.   | USPAT                        | OR                  | ON      | 2005/05/17 13:03 |
| L26      | 3    | ("6567475").URPN.   | USPAT                        | OR                  | ON      | 2005/05/17 13:03 |

| L27 | 39    | ("4077021"   "4334312"  <br>"4337458"   "4823361"  <br>"4833696"   "5048059"  <br>"5070303"   "5084669"  <br>"5091942"   "5093848"  <br>"5099499"   "5136616"  <br>"5148373"   "5151919"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON    | 2005/05/17 13:03 |
|-----|-------|--|------------------------------|----|-------|------------------|
|     |       | "5164961"   "5230003"   "5241702"   "5282250"   "5331666"   "5335250"   "5347542"   "5361404"   "5390245"   "5467374"   "5499272"   "5530722"   "5557645"   "5559886"   "5568518"   "5568520"   "5577087"   "5673291"   "5705959"   "5745523"   "5749051"   "5796780"   "5841816"   "6160855"   "6304614").PN. |                              |    |       |                  |
| L29 | 568   | 2 AND (signal ADJ2 noise)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF   | 2005/05/17 13:15 |
| S1  | 0     | "0589595"  | EPO                          | OR | OFF   | 2005/05/17 13:01 |
| S2  | 0     | "EP0589595"  | EPO                          | OR | OFF   | 2004/04/09 09:21 |
| S3  | 4     | "0589595"  | DERWENT                      | OR | OFF   | 2004/04/09 09:22 |
| S4  | 1     | "589595"   | EPO                          | OR | OFF   | 2004/04/09 09:23 |
| S5  | 6     | "wang".in. AND "chuenlin".in.  | EPO                          | OR | OFF   | 2004/04/09 09:23 |
| S6  | 3     | "wang".in. AND "chuenlin".in.  | US-PGPUB;<br>USPAT           | OR | OFF . | 2004/04/09 09:24 |
| S7  | 59    | "5559790"  | US-PGPUB;<br>USPAT           | OR | OFF   | 2004/04/14 09:48 |
| S8  | 2     | "5918184"  | US-PGPUB;<br>USPAT           | OR | OFF   | 2004/04/14 09:51 |
| S9  | 577   | "4513412" "4670899" "4675863"<br>"4704734" "5001742" "5239675"<br>"5285447" "5289464"  | US-PGPUB;<br>USPAT           | OR | OFF   | 2004/04/14 09:52 |
| S10 | 8     | "4513412".pn. "4670899".pn. "4675863".pn. "4704734".pn. "5001742".pn. "5239675".pn. "5285447".pn. "5289464".pn.  | US-PGPUB;<br>USPAT           | OR | OFF   | 2004/04/14 10:40 |
| S11 | 0     | "375"/\$.CCLS. AND<br>@pd<"10000708"   | US-PGPUB;<br>USPAT           | OR | OFF   | 2004/04/14 15:45 |
| S12 | 20086 | "375"/\$.CCLS. AND<br>@pd<"19990708"   | US-PGPUB;<br>USPAT           | OR | OFF   | 2004/04/14 15:46 |
| S13 | 8879  | ("375"/\$.CCLS. AND<br>@pd<"19990708") AND noise   | US-PGPUB;<br>USPAT           | OR | OFF   | 2004/04/14 10:41 |

| S14 | 2039  | ("375"/\$.CCLS. AND<br>@pd<"19990708") AND (SNR OR<br>"signal-to-noise" OR "signal to<br>noise")   | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/14 10:44 |
|-----|-------|--|--------------------|----|-----|------------------|
| S15 | 251   | (("375"/\$.CCLS. AND<br>@pd<"19990708") AND (SNR OR<br>"signal-to-noise" OR "signal to<br>noise")) AND (noise WITH<br>average)   | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/14 10:42 |
| S16 | 101   | ("375"/\$.CCLS. AND<br>@pd<"19990708") AND (calcu\$<br>WITH (SNR OR "signal-to-noise"<br>OR "signal to noise"))  | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/14 12:25 |
| S17 | 551   | (calcu\$ WITH (SNR OR<br>"signal-to-noise" OR "signal to<br>noise")) AND @pd<"19990708"  | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/14 12:27 |
| S18 | 450   | ((calcu\$ WITH (SNR OR "signal-to-noise" OR "signal to noise")) AND @pd<"19990708") NOT (("375"/\$.CCLS. AND @pd<"19990708") AND (calcu\$ WITH (SNR OR "signal-to-noise" OR "signal to noise"))) | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/14 12:28 |
| S19 | 43    | ("375"/\$.CCLS. AND<br>@pd<"19990708") AND "noise<br>distribution"   | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/14 14:30 |
| S20 | 52    | ("375"/\$.CCLS. AND<br>@pd<"19990708") AND<br>"averaging filter"   | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/14 14:31 |
| S21 | 6     | (("375"/\$.CCLS. AND<br>@pd<"19990708") AND<br>"averaging filter") AND FIR   | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/14 14:32 |
| S22 | 24    | ("375"/\$.CCLS. AND<br>@pd<"19990708") AND (averag\$<br>WITH FIR WITH filter)  | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/14 14:32 |
| S23 | 0     | "375"/\$.CCLS. AND<br>@pd<"10000708"   | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/14 15:45 |
| S24 | 20086 | "375"/\$.CCLS. AND<br>@pd<"19990708"   | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/15 08:39 |
| S25 | 0     | ("375"/\$.CCLS. AND<br>@pd<"19990708") AND (calculate<br>WITH noise WITH distribution)   | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/14 15:46 |
| S26 | 74    | 375/275.CCLS. AND<br>@pd<"19990708"  | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/14 15:46 |
| S27 | 75    | 375/227.CCLS. AND<br>@pd<"19990708"  | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/14 15:50 |
| S28 | 20086 | "375"/\$.CCLS. AND<br>@pd<"19990708"   | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/15 08:39 |

| S29 | 378  | ("375"/\$.CCLS. AND<br>@pd<"19990708") AND (mean<br>WITH noise)                                | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/15 08:40 |
|-----|------|--|--------------------|----|-----|------------------|
| S30 | 95   | (("375"/\$.CCLS. AND<br>@pd<"19990708") AND (mean<br>WITH noise)) AND (varian\$ WITH<br>noise) | US-PGPUB;<br>USPAT | OR | OFF | 2004/04/15 08:44 |
| S35 | 1    | "5289464".PN.  | USPAT;<br>USOCR    | OR | ON  | 2004/11/19 11:18 |
| S36 | 1    | "5285447".PN.  | USPAT;<br>USOCR    | OR | ON  | 2004/11/19 11:18 |
| S37 | 1    | "5239675".PN.  | USPAT;<br>USOCR    | OR | ON  | 2004/11/19 11:18 |
| S38 | 1    | "5001742".PN.  | USPAT;<br>USOCR    | OR | ON  | 2004/11/19 11:18 |
| S39 | 1    | "4704734".PN.  | USPAT;<br>USOCR    | OR | ON  | 2004/11/19 11:19 |
| S40 | 3    | "5918184"  | US-PGPUB;<br>USPAT | OR | ON  | 2004/11/19 11:21 |
| S41 | 11   | "5363412"  | US-PGPUB;<br>USPAT | OR | ON  | 2004/11/19 11:22 |
| S42 | 488  | (signal WITH divide WITH noise)  | US-PGPUB;<br>USPAT | OR | ON  | 2004/11/19 11:22 |
| S43 | 309  | S42 AND @ad<"19990708"   | US-PGPUB;<br>USPAT | OR | ON  | 2004/11/19 11:22 |
| S44 | 44   | S43 AND "375"/\$.CCLS.   | US-PGPUB;<br>USPAT | OR | ON  | 2004/11/19 11:22 |
| S45 | 1419 | average WITH stationary  | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/09 09:36 |
| S46 | 73   | average WITH noise WITH stationary   | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/09 09:31 |
| S47 | 35   | S46 AND @ad<"19970708"   | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/09 09:31 |
| S48 | 27   | S45 AND "375"/\$.CCLS. AND<br>@ad<"19970708"   | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/09 09:36 |
| S49 | 25   | S48 NOT S47  | US-PGPUB;<br>USPAT | OR | ON  | 2004/12/09 09:36 |
| S50 | 0    | TDMA AND MLSE  | EPO                | OR | OFF | 2004/12/10 08:34 |
| S51 | 307  | TDMA AND MLSE  | US-PGPUB;<br>USPAT | OR | OFF | 2004/12/10 08:34 |
| S52 | 307  | TDMA AND MLSE  | US-PGPUB;<br>USPAT | OR | OFF | 2004/12/10 08:35 |
| S53 | 274  | TDMA AND MMSE  | US-PGPUB;<br>USPAT | OR | OFF | 2004/12/10 08:35 |
| S54 | 68   | S53 AND S52  | US-PGPUB;<br>USPAT | OR | OFF | 2004/12/10 08:35 |

| S55 | 271 | S52 AND interfer\$     | US-PGPUB;<br>USPAT | OR | OFF  | 2004/12/10 08:35 |
|-----|-----|------------------------|--------------------|----|------|------------------|
| S56 | 143 | S55 AND @ad<"19990708" | US-PGPUB;<br>USPAT | OR | OFF  | 2004/12/10 08:37 |
| S57 | 89  | S56 AND square\$       | US-PGPUB;<br>USPAT | OR | OFF  | 2004/12/10 08:38 |
| S58 | 111 | S52 AND thresh\$       | US-PGPUB;<br>USPAT | OR | OFF  | 2004/12/10 08:48 |
| S59 | 31  | S57 and S58            | US-PGPUB;<br>USPAT | OR | OFF  | 2004/12/10 08:48 |
| S60 | 1   | "20030063685"          | US-PGPUB;<br>USPAT | OR | ON ' | 2004/12/13 10:28 |